

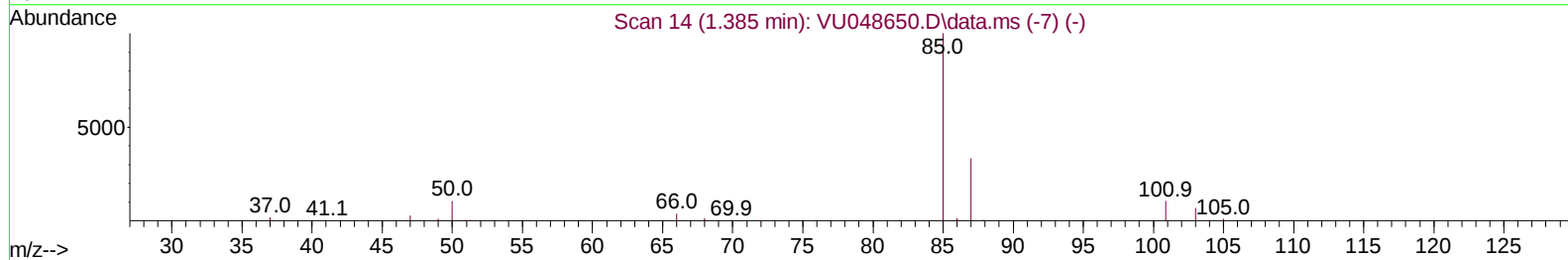
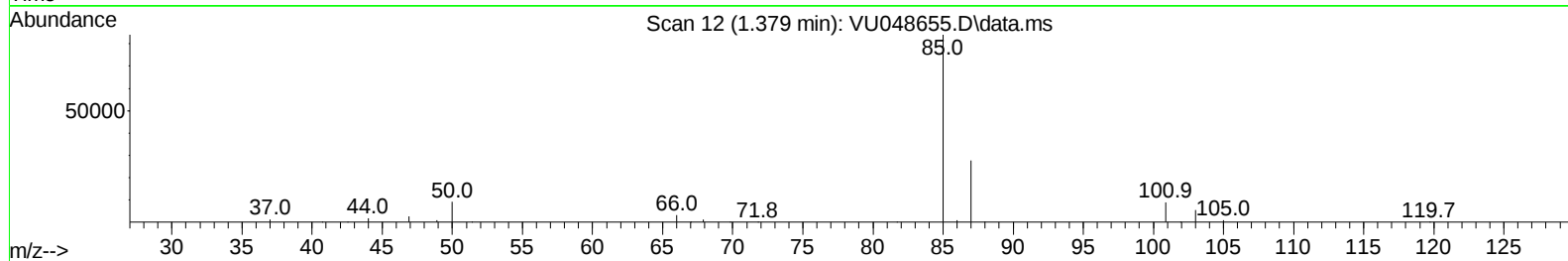
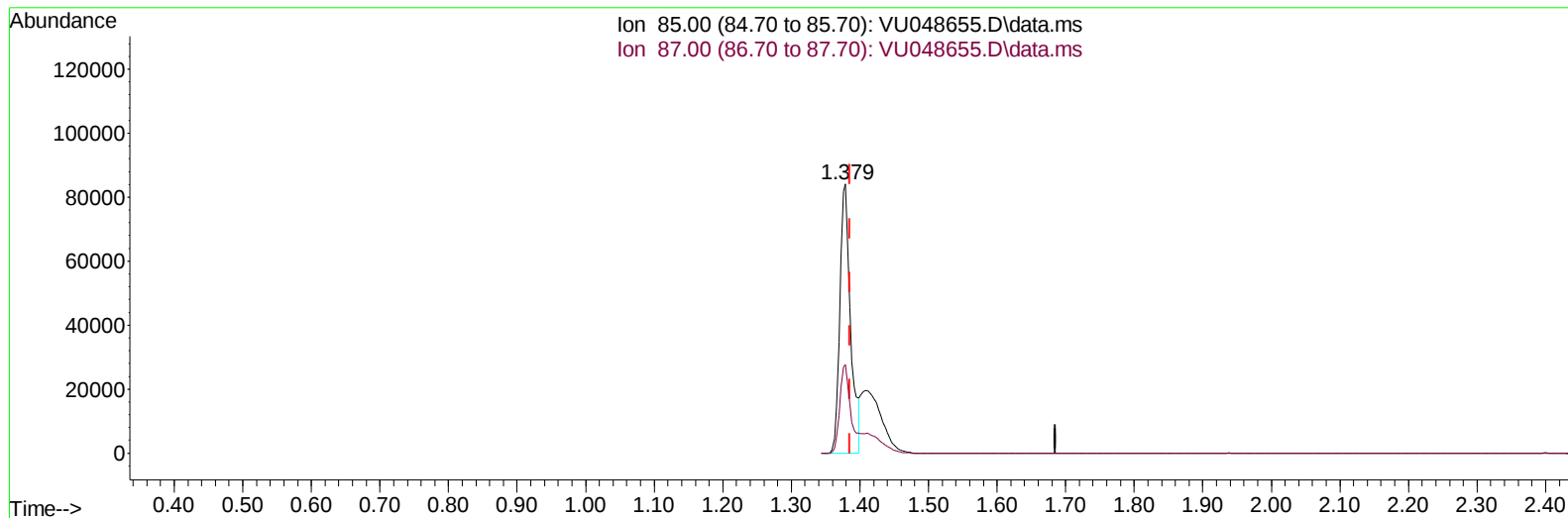
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
Data File : VU048655.D
Acq On : 23 May 2022 16:09
Operator : SY/MD
Sample : N2929-03MEMSD
Misc : 8.37g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

Quant Time: May 24 02:55:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 24 02:53:22 2022
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TIC: VU048655.D\data.ms

(2) Dichlorodifluoromethane (T)

1.379min (-0.007) 28.83 ug/L

response 92557

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	31.80	36.08
0.00	0.00	0.00
0.00	0.00	0.00

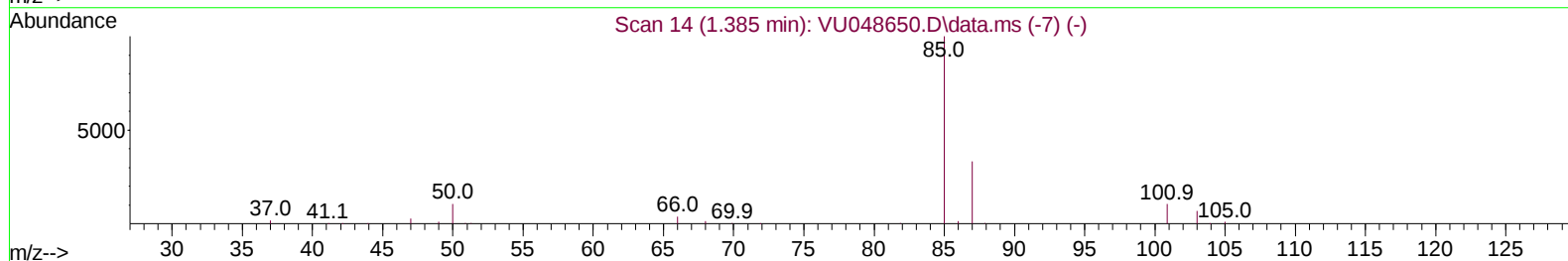
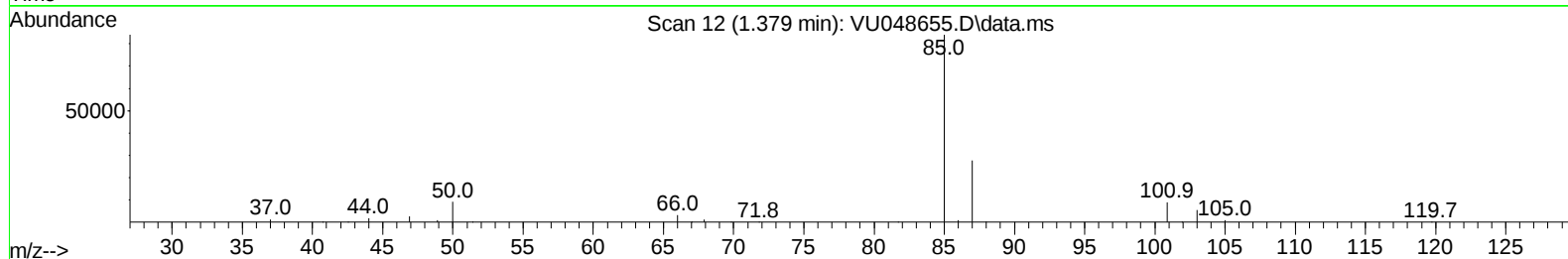
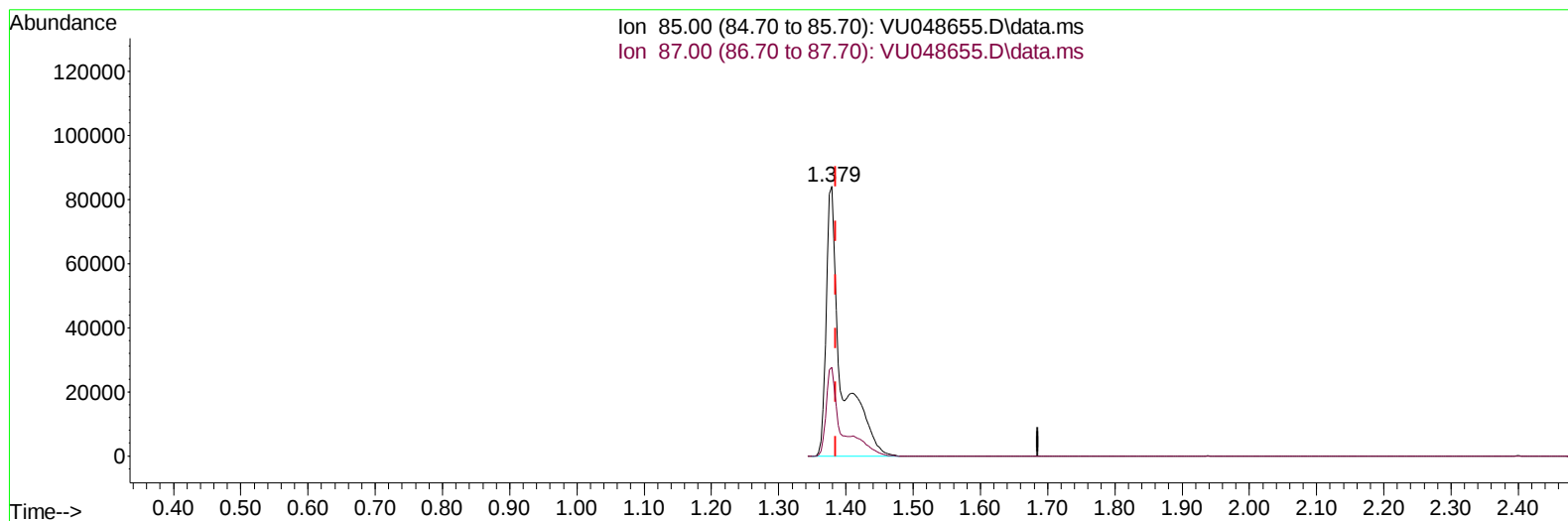
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TIC: VU048655.D\data.ms

(2) Dichlorodifluoromethane (T)

1.379min (-0.007) 41.63 ug/L m

response 133636

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	31.80	24.99#
0.00	0.00	0.00
0.00	0.00	0.00

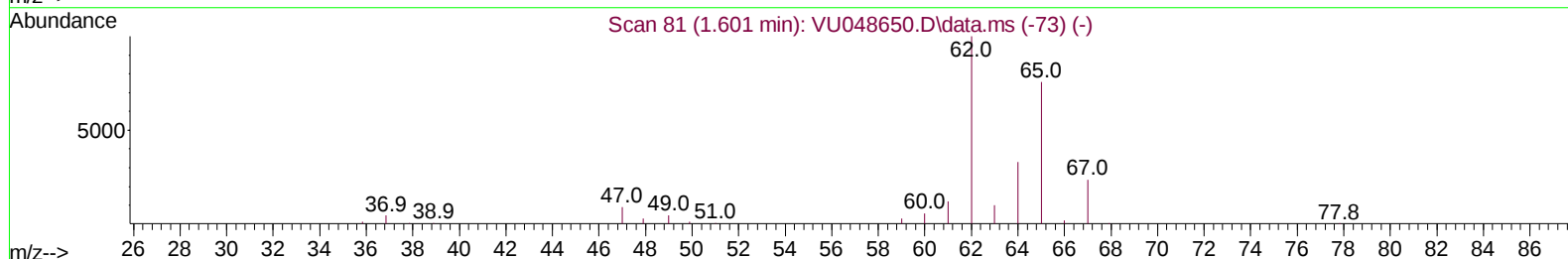
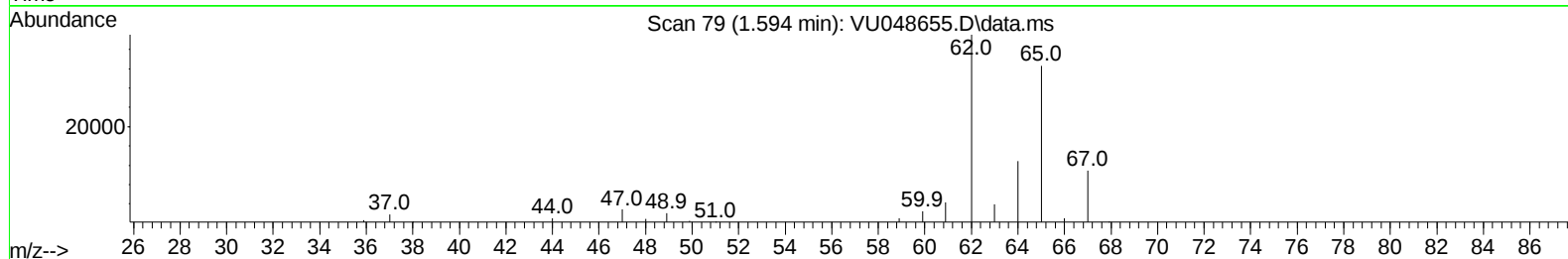
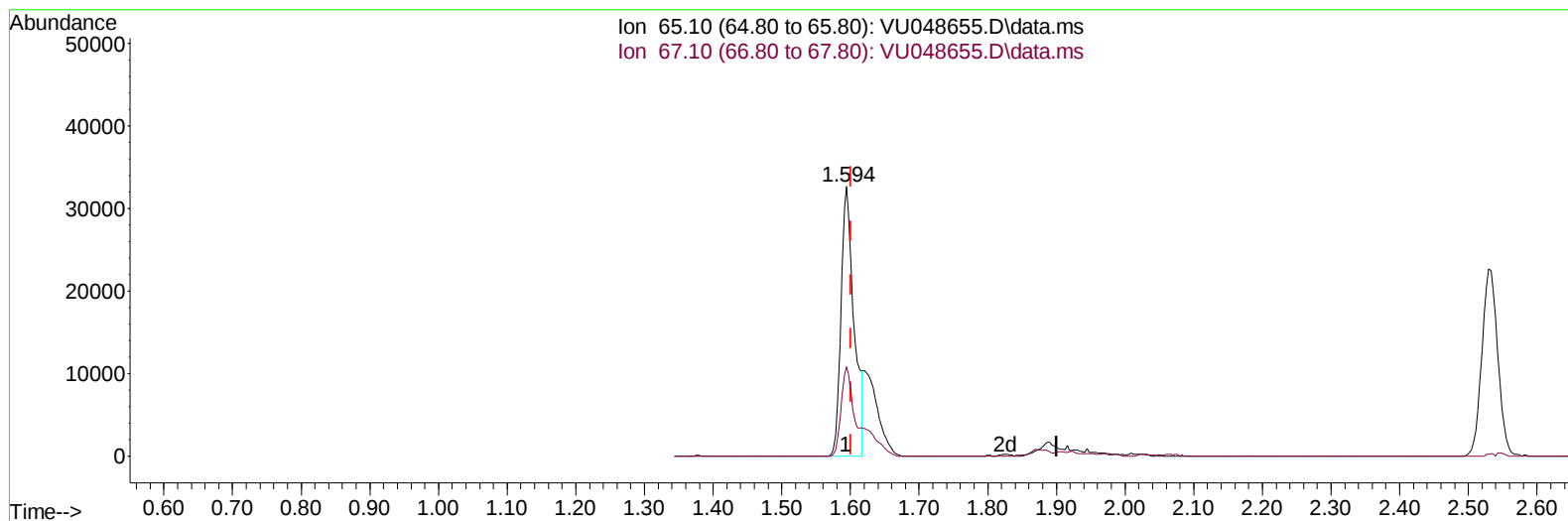
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 Operator : SY/MD
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 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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TIC: VU048655.D\data.ms

(4) Vinyl Chloride-d3 (S)

1.594min (-0.006) 23.69 ug/L

response 43337

Ion	Exp%	Act%
65.10	100.00	100.00
67.10	33.70	31.13
0.00	0.00	0.00
0.00	0.00	0.00

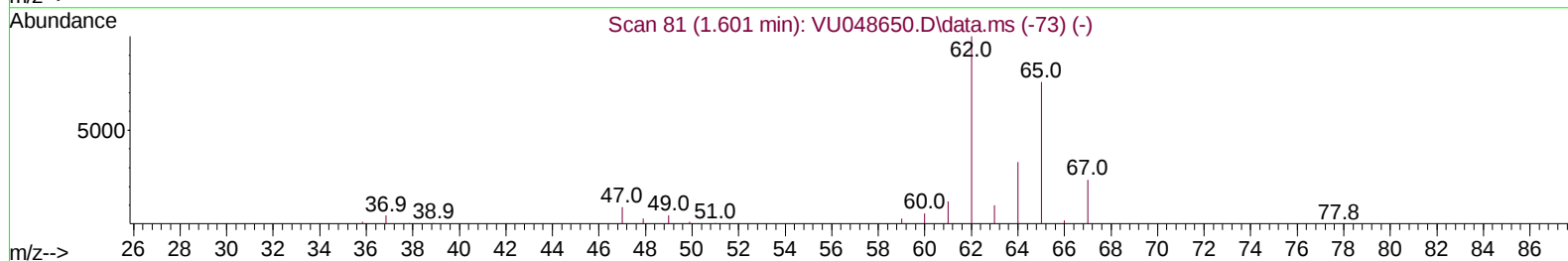
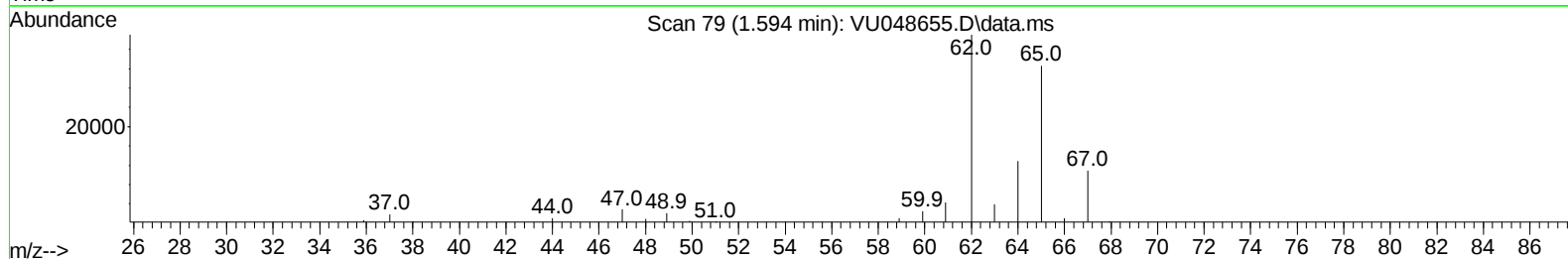
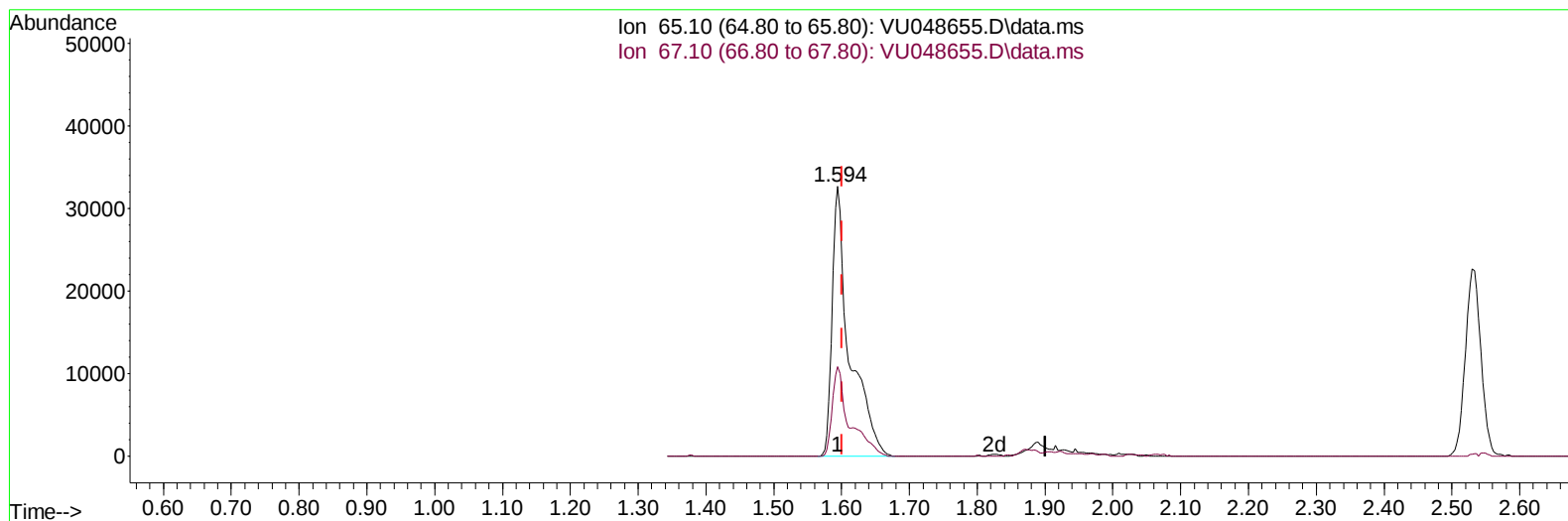
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
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 Operator : SY/MD
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 Misc : 8.37g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VU048655.D\data.ms

(4) Vinyl Chloride-d3 (S)

1.594min (-0.006) 31.80 ug/L m

response 58184

Ion	Exp%	Act%
65.10	100.00	100.00
67.10	33.70	23.19#
0.00	0.00	0.00
0.00	0.00	0.00

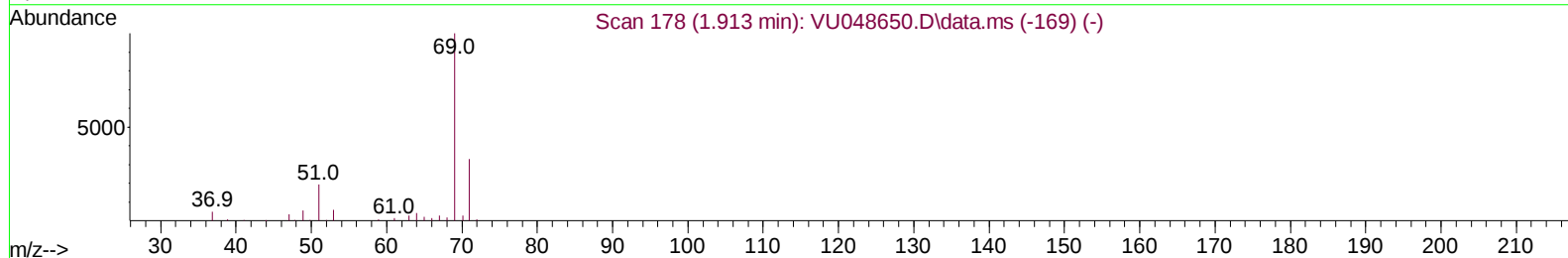
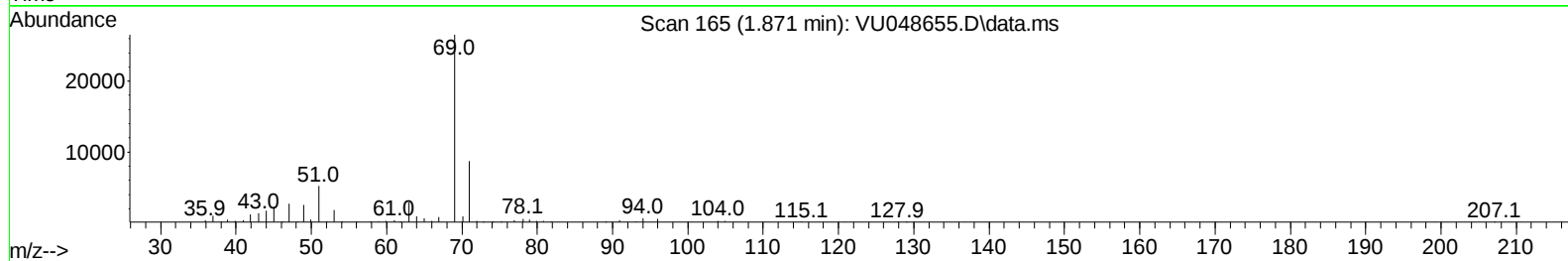
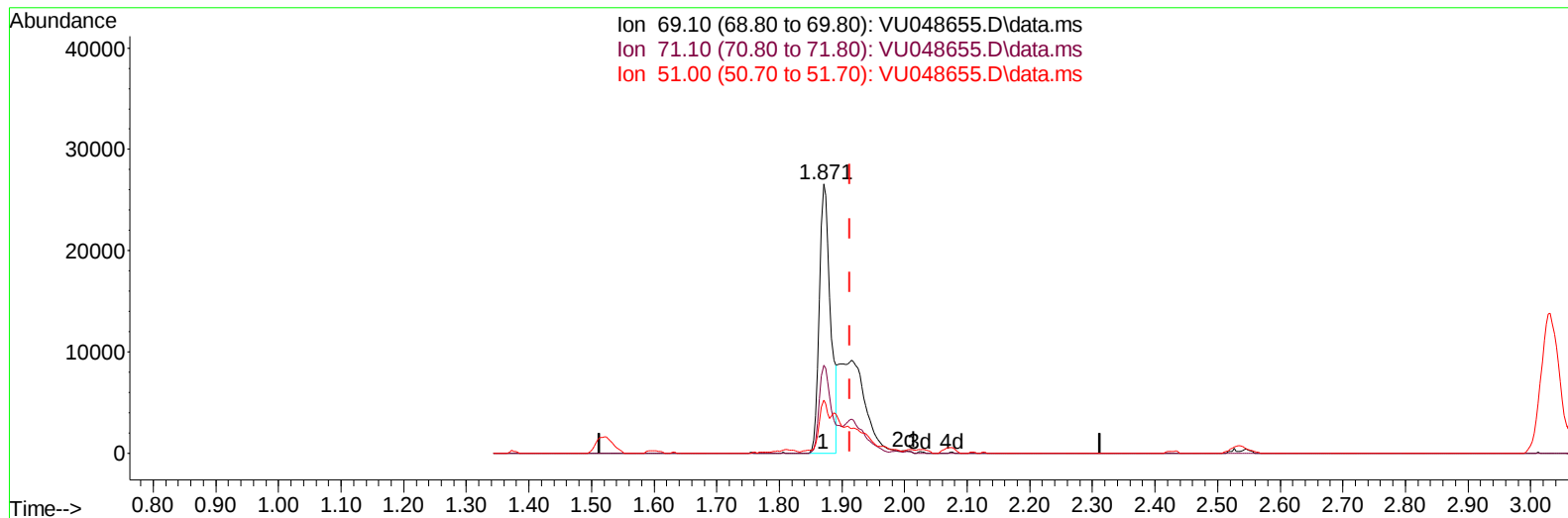
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Data File : VU048655.D
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Operator : SY/MD
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Instrument :
MSVOA_U
ClientSampleId :
DBTF7MEMSD

Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 05/25/2022



TIC: VU048655.D\data.ms

(7) Chloroethane-d5 (S)

1.871min (-0.042) 23.71 ug/L

response 32497

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	31.70	38.94
51.00	26.90	16.43#
0.00	0.00	0.00

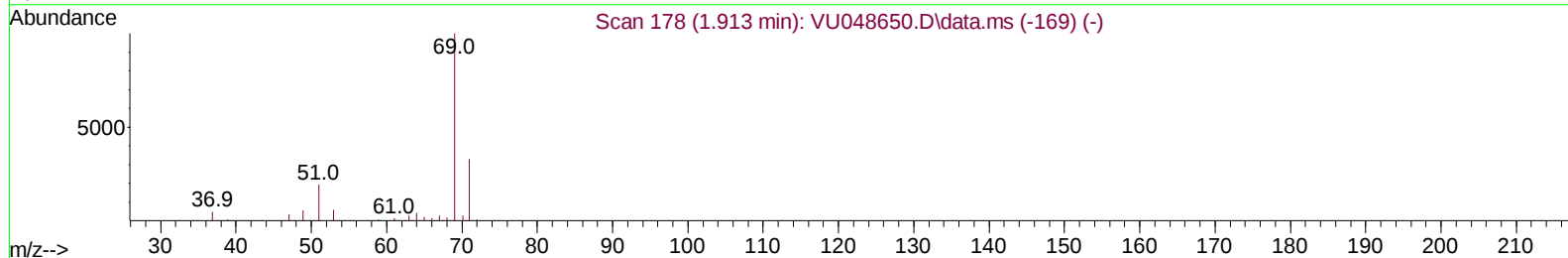
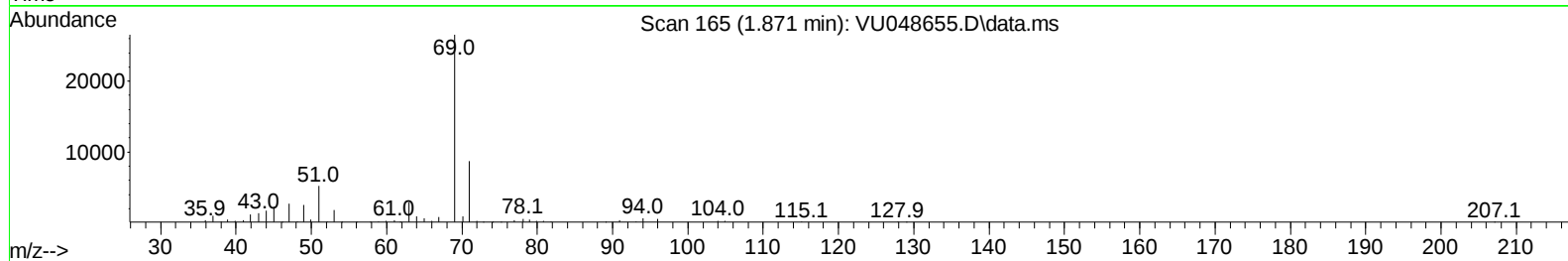
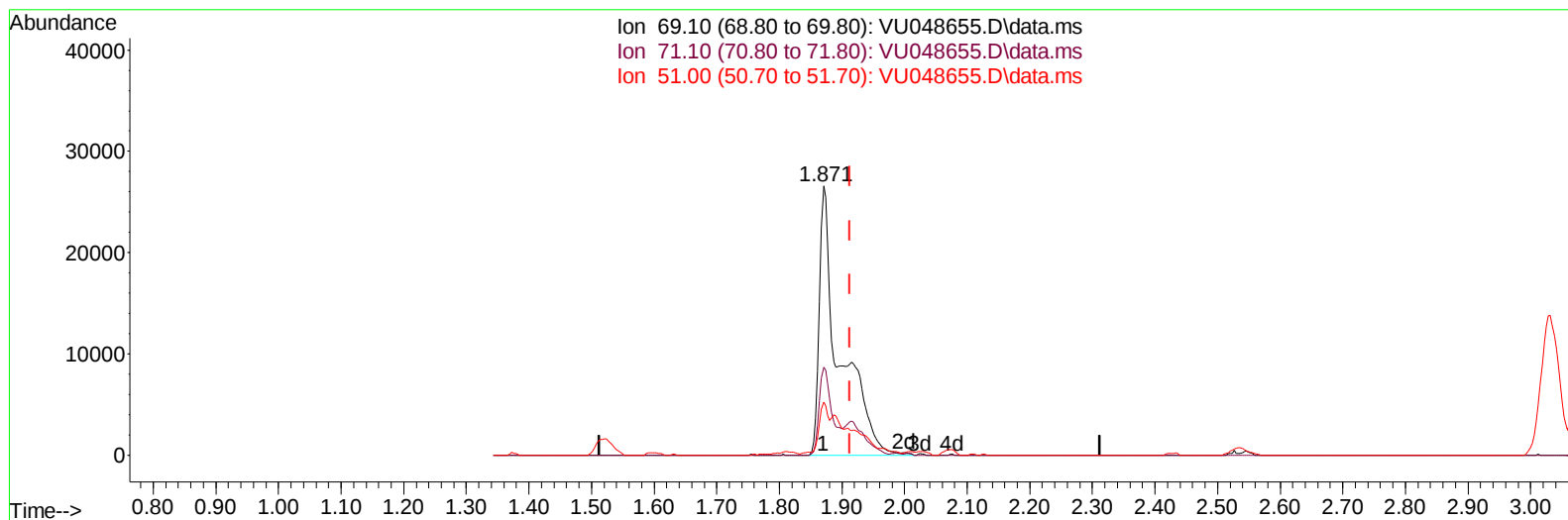
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: VU048655.D\data.ms

(7) Chloroethane-d5 (S)

1.871min (-0.042) 43.77 ug/L m

response 59992

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	31.70	21.09#
51.00	26.90	8.90#
0.00	0.00	0.00

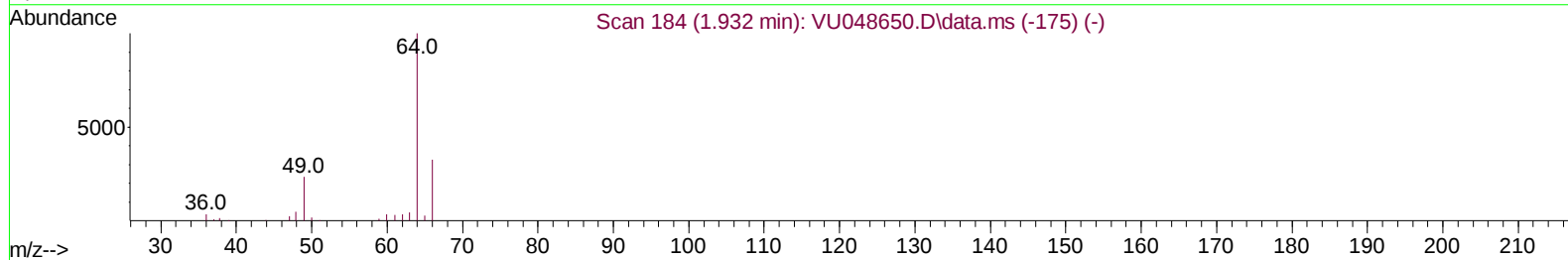
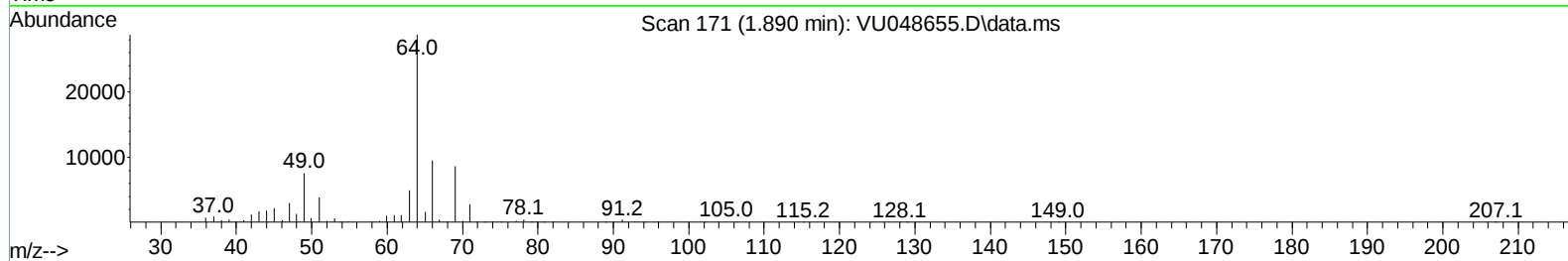
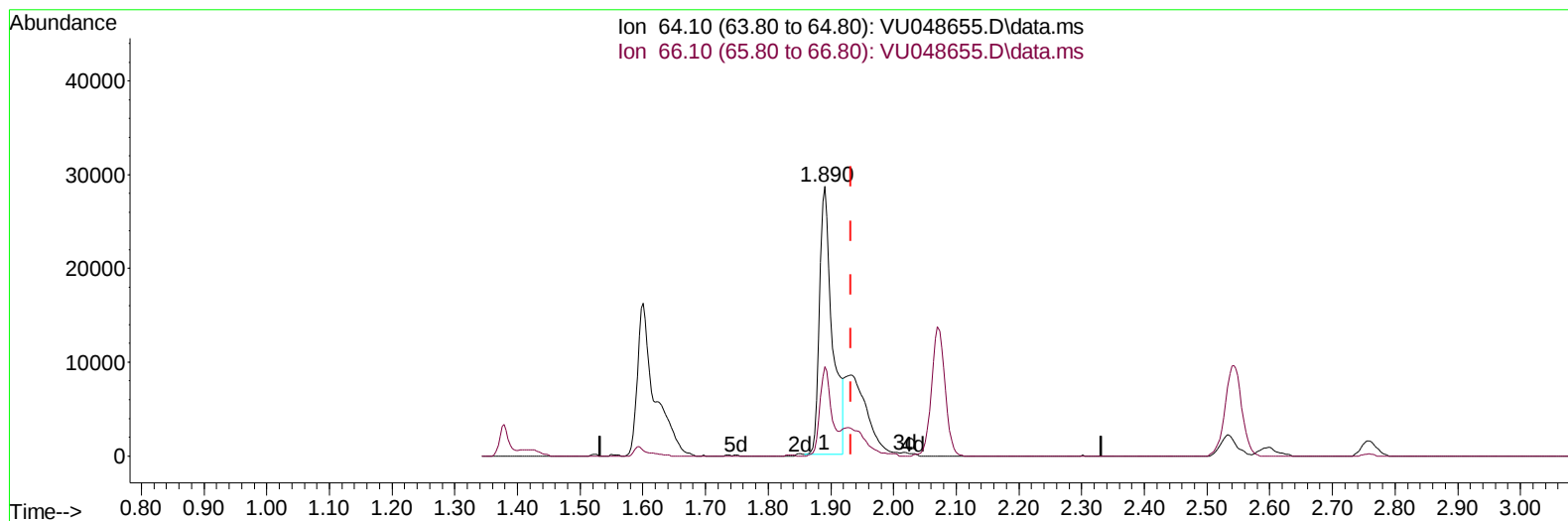
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Instrument :
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 ClientSampleId :
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TIC: VU048655.D\data.ms

(8) Chloroethane (T)

1.890min (-0.042) 32.97 ug/L

response 40892

Ion	Exp%	Act%
64.10	100.00	100.00
66.10	33.00	33.15
0.00	0.00	0.00
0.00	0.00	0.00

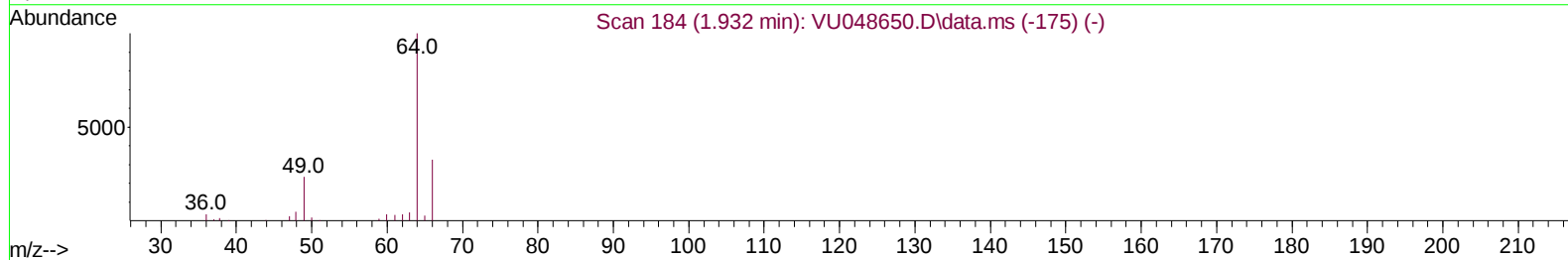
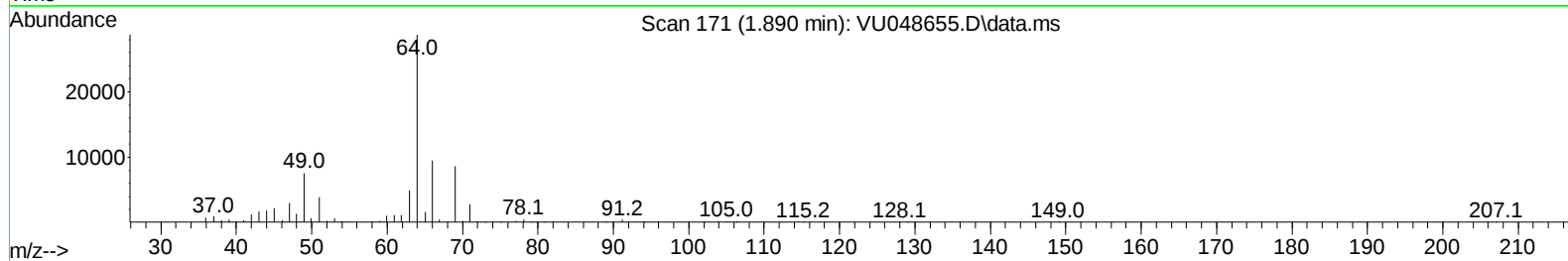
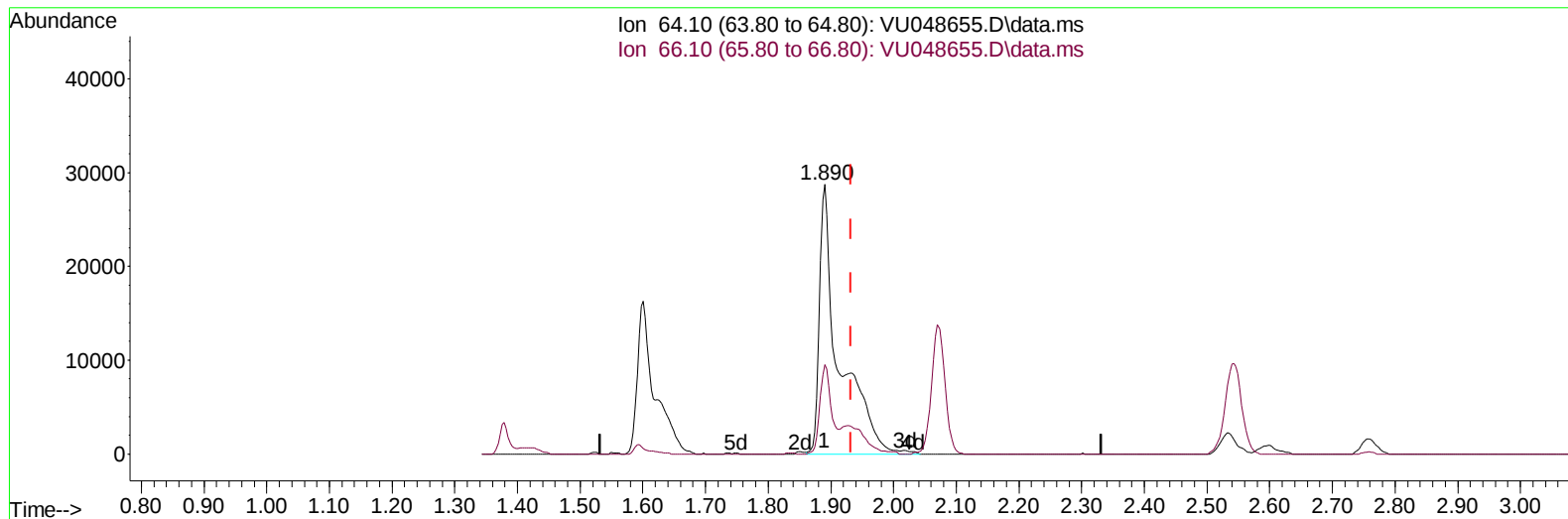
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048655.D
 Acq On : 23 May 2022 16:09
 Operator : SY/MD
 Sample : N2929-03MEMSD
 Misc : 8.37g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBTF7MEMSD

Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 05/25/2022



TIC: VU048655.D\data.ms

(8) Chloroethane (T)

1.890min (-0.042) 51.09 ug/L m

response 63356

Ion	Exp%	Act%
64.10	100.00	100.00
66.10	33.00	33.15
0.00	0.00	0.00
0.00	0.00	0.00

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 Misc : 8.37g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	298700	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	303122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	193865	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	58184m	31.803	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	63.600%	
7) Chloroethane-d5	1.871	69	59992m	43.769	ug/L	-0.04
Spiked Amount 50.000	Range 70	- 130	Recovery	=	87.540%	
11) 1,1-Dichloroethene-d2	2.533	63	155343	37.545	ug/L	-0.04
Spiked Amount 50.000	Range 60	- 125	Recovery	=	75.080%	
21) 2-Butanone-d5	4.633	46	181101	104.020	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	104.020%	
24) Chloroform-d	5.060	84	212490	45.962	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.920%	
26) 1,2-Dichloroethane-d4	5.697	65	152685	46.813	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.620%	
32) Benzene-d6	5.719	84	347950	41.245	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	82.500%	
36) 1,2-Dichloropropane-d6	6.690	67	106505	43.005	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	86.000%	
41) Toluene-d8	7.896	98	338299	42.633	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.260%	
43) trans-1,3-Dichloroprop...	8.182	79	67984	42.928	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.860%	
47) 2-Hexanone-d5	8.652	63	150452	110.774	ug/L	0.02
Spiked Amount 100.000	Range 45	- 130	Recovery	=	110.770%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	214395	52.316	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	104.640%	
66) 1,2-Dichlorobenzene-d4	12.198	152	182872	46.143	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	92.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	133636m	41.632	ug/L	
3) Chloromethane	1.517	50	72384	36.547	ug/L	99
5) Vinyl chloride	1.601	62	90943	43.164	ug/L	100
6) Bromomethane	1.826	94	69321	45.575	ug/L	99
8) Chloroethane	1.890	64	63356m	51.089	ug/L	
9) Trichlorofluoromethane	2.070	101	176576	42.930	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	95413	45.492	ug/L	97
12) 1,1-Dichloroethene	2.546	96	85415	43.950	ug/L	94
13) Acetone	2.642	43	105179	74.360	ug/L	99
14) Carbon disulfide	2.758	76	225040	39.902	ug/L	98
15) Methyl Acetate	2.948	43	142265	58.932	ug/L	96
16) Methylene chloride	3.031	84	90424	39.966	ug/L	94
17) trans-1,2-Dichloroethene	3.334	96	92583	44.169	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	335878	46.185	ug/L	99
19) 1,1-Dichloroethane	3.855	63	170663	44.472	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	105942	44.817	ug/L	97
22) 2-Butanone	4.710	43	144194	80.288	ug/L	92
23) Bromochloromethane	4.967	128	58835	44.854	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.083	83	202502	45.209	ug/L	99
27) 1,2-Dichloroethane	5.793	62	174799	45.491	ug/L	100
29) Cyclohexane	5.375	56	131470	42.227	ug/L	97
30) 1,1,1-Trichloroethane	5.308	97	203892	44.424	ug/L	98
31) Carbon tetrachloride	5.514	117	182052	43.524	ug/L	98
33) Benzene	5.768	78	382138	43.151	ug/L	100
34) Trichloroethene	6.539	95	109905	43.865	ug/L	98
35) Methylcyclohexane	6.755	83	156507	43.529	ug/L	99
37) 1,2-Dichloropropane	6.790	63	91801	41.457	ug/L #	97
38) Bromodichloromethane	7.105	83	158528	44.248	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	173889	45.994	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	289836	85.770	ug/L	99
42) Toluene	7.970	91	430793	44.630	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	184125	46.181	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	109783	46.296	ug/L	97
46) Tetrachloroethene	8.552	164	95868	46.890	ug/L	97
48) 2-Hexanone	8.703	43	242955	83.913	ug/L	95
49) Dibromochloromethane	8.816	129	143447	47.051	ug/L	98
50) 1,2-Dibromoethane	8.925	107	123862	45.259	ug/L	97
51) Chlorobenzene	9.449	112	307464	45.671	ug/L	99
52) Ethylbenzene	9.571	91	497831	45.131	ug/L	98
53) m,p-Xylene	9.697	106	201954	45.558	ug/L	96
54) o-Xylene	10.105	106	199374	46.947	ug/L	99
55) Styrene	10.121	104	359186	48.645	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	190858	46.570	ug/L	97
59) Bromoform	10.301	173	126423	47.441	ug/L	99
60) 1,2,3-Trichloropropane	10.829	75	169033	43.964	ug/L	97
61) Isopropylbenzene	10.488	105	548371	45.930	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	321626	47.384	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	506324	47.971	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	280200	45.509	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	288029	45.080	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	282579	45.122	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	58573	39.402	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	215659	43.945	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	188445	42.457	ug/L	99
71) Naphthalene	14.086	128	573412	39.180	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	188179	42.227	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

